

AMENDMENTS TO THE CLAIMS

1. (Previously amended) A blast liner assembly for use in a solids placement tool within a wellbore, the blast liner assembly comprising:
 - a) an outer sleeve having a flow port therein;
 - b) a mandrel to be disposed within the outer sleeve, the mandrel defining an interior flowbore and an exit port; and
 - c) a blast liner rotatably disposed within the outer sleeve to lie radially outside of the mandrel, the blast liner comprising:
 - (i) a body having a longitudinal axis and defining an interior flowspace with the mandrel; and
 - (ii) a flow diverter within the interior flowspace that flows the slurry through the interior flowspace to rotate the blast liner.
2. (Previously amended) The blast liner assembly of claim 1 wherein the flow diverter comprises a plurality of flow channels formed upon the body, flow channels being disposed upon the body at an acute angle with respect to the axis of the blast liner body.
3. (original) The blast liner assembly of claim 2 wherein the flow channels comprise a plurality of inwardly projecting vanes.
4. (original) The blast liner assembly of claim 2 wherein the flow channels comprise a plurality of milled grooves in the body.
5. (original) The blast liner assembly of claim 1 further comprising a rotational bearing disposed between the blast liner and the outer sleeve.
6. (previously amended) The blast liner assembly of claim 1 wherein the blast liner moves axially with respect to the outer sleeve.

7. (previously amended) The blast liner assembly of claim 6 further comprising a progressively erodable bushing adjacent the blast liner that allows the blast liner to move axially with respect to the outer sleeve.

8. (previously amended) The blast liner assembly of claim 6 further comprising a lug and track mechanism adjacent the blast liner that allows the blast liner to move axially with respect to the outer sleeve.

9. (original) The blast liner assembly of claim 1 wherein the blast liner comprises an annular reinforced impingement area upon an interior surface of the body.

10. (previously amended) A system for placement of solids within a wellbore comprising:

a) an extension sleeve assembly to be landed within a wellbore, the extension sleeve comprising:

- (i) an outer sleeve having a solids flowport therein to be positioned for disposal of a solid-containing slurry within a wellbore;
- (ii) a blast liner rotatably retained within the outer sleeve, the blast liner presenting a reinforced annular impingement area;

b) a service tool to be landed within the extension sleeve assembly, the service tool comprising:

- (i) a solids placement tool defining a flowbore therewithin and a solids flowspace between an outer surface of the solids placement tool and the blast liner, the blast liner rotating in response to the slurry flow in the flowspace; and
- (ii) a solids exit port within the solids placement tool.

11. (original) The system of claim 10 wherein the blast liner further comprises:

a tubular blast liner body having a longitudinal axis; and
an angular flow diverter having a plurality of flow channels formed upon the blast liner body at an acute angle with respect to the axis of the blast liner body.

12. (original) The system of claim 10 further comprising a progressively erodable bearing within the outer sleeve abutting an axial end of the blast liner body, the erodable bearing being progressively eroded upon rotation of the blast liner to permit the blast liner to move axially within the outer sleeve.

13. (original) The system of claim 10 further comprising:
a radially outwardly projecting lug upon an outer surface of the blast liner; and
a lug track inscribed within an inner surface of the outer sleeve to retain the lug such that rotational movement of the blast liner within the outer sleeve results in the blast liner being moved axially with respect to the outer sleeve.

14. (original) The system of claim 13 wherein the lug track has a double-helical configuration.

15-20. (cancelled)

21. (New) A method for using a solids placement tool within a wellbore, comprising:

(a) positioning a blast liner assembly in the solids placement tool, the blast liner assembly including an outer sleeve having a flow port therein;

(b) disposing a mandrel within the outer sleeve, the mandrel defining an interior flowbore and an exit port;

(c) rotatably disposing a blast liner within the outer sleeve, the blast liner lying radially outside of the mandrel, the blast liner including a body having a longitudinal axis and defining an interior flowspace with the mandrel; and

(d) flowing a slurry through the interior flowspace with a flow diverter, the flowing

slurry rotating the blast liner.

22. (New) The method of claim 21 further comprising forming a plurality of flow channels body on the body at an acute angle with respect to the axis of the blast liner body.

23. (New) The method of claim 22 further comprising forming a plurality of inwardly projecting vanes along the flow channels.

24. (New) The method of claim 22 further comprising milling a plurality of grooves in the body along the flow channels.

25. (New) The method of claim 21 further comprising disposing a rotational bearing between the blast liner and the outer sleeve.

26. (New) The method of claim 21 further comprising moving the blast liner axially with respect to the outer sleeve.

27. (New) The method of claim 26 further comprising positioning a progressively erodable bushing adjacent the blast liner that allows the blast liner to move axially with respect to the outer sleeve.

28. (New) The method of claim 26 further comprising positioning a lug and track mechanism adjacent the blast liner that allows the blast liner to move axially with respect to the outer sleeve.

29. (New) The blast liner assembly of claim 21 further comprising forming an annular reinforced impingement area upon an interior surface of the body.